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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Neil J. Goldfine, Darrell E. Schlicker, Andrew P. Washabaugh, David C. Grundy,
and Vladimir A. Zilberstein

Application No.: 10/762,193 Group Art Unit: 2862
Filed: January 21, 2004 Examiner: Not assigned
Confirmation No.: 2485
Title: PROCESS CONTROL AND DAMAGE MONITORING

CERTIFICATE OF MAILING OR TRANSMISSION	
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Date	Signature
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Typed or printed name of person signing certificate	

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☒ Copies of the cited references are enclosed.
- ☒ Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
- ☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- ☒ Some of the listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- ☐ The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
 - ☐ the explanation provided in the Specification.
 - ☐ submission of the enclosed International Search Report.
 - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
 - ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner

Date

☐ A copy of each above-cited application, including the current claims, is enclosed.

☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

☐ Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.

☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Lubashev

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Dated: 11/12/08

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.
1884.2009-002APPLICATION NO.
10/762,193INFORMATION DISCLOSURE CITATION
IN AN APPLICATIONFIRST NAMED INVENTOR
Neil J. Goldfine, *et al.*FILING DATE
January 21, 2004

November 12, 2004

EXAMINER
Not assignedCONFIRMATION NO.
2485GROUP
2862

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AA	4,814,690	03-21-1989	Melcher, et al.
	AB	5,015,951	05-14-1991	Melcher
	AC	5,453,689	09-26-1995	Goldfine, et al.
	AD	5,610,517	03-11-1997	Ma, et al.
	AE	5,793,206	08-11-1998	Goldfine, et al.
	AF	US 6,188,218 B1	02-13-2001	Goldfine, et al.
	AG	US 6,380,747 B1	04-30-2002	Goldfine, et al.
	AH	US2002/0163333 A1	11-07-2002	Schlicker, et al.
	AI	RE36,986	12-12-2000	Melcher
	AJ			
	AK			
	AA2			
	AB2			
	AC2			
	AD2			
	AE2			
	AF2			
	AG2			
	AH2			
	AI2			
	AJ2			
	AK2			
	AA3			
	AB3			
	AC3			

EXAMINER

DATE CONSIDERED

PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION November 12, 2004 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 1884.2009-002	APPLICATION NO. 10/762,193	
	FIRST NAMED INVENTOR Neil J. Goldfine, et al.		FILING DATE January 21, 2004
	EXAMINER Not assigned	CONFIRMATION NO. 2485	GROUP 2862

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION	
					YES	NO
	AL	EP 1037043 A2	09-20-2000	Massachusetts Institute of Technology		
	AM					
	AN					
	AO					
	AP					
	AQ					
	AL2					
	AM2					
	AN2					
	AO2					
	AP2					
	AQ2					
	AL3					
	AM3					
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	AO3					
	AP3					
	AQ3					
	AL4					
	AM4					
	AN4					
	AO4					
	AP4					

EXAMINER	DATE CONSIDERED
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PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION November 12, 2004 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 1884.2009-002		APPLICATION NO. 10/762,193	
	FIRST NAMED INVENTOR Neil J. Goldfine, <i>et al.</i>		FILING DATE January 21, 2004	
	EXAMINER Not assigned		CONFIRMATION NO. 2485	GROUP 2862

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AR	DOE Phase II Proposal, titled "Intelligent Probes for Enhanced Non-Destructive Determination of Degradation in Hot-Gas-Path Components," Topic #44c, dated March 23, 2002.	
AS	NASA Phase II Proposal, titled "Shaped Field Giant Magnetoresistive Sensor Arrays for Materials Testing," Topic #01-II A1.05-8767, dated May 2, 2002.	
AT	Final Report submitted to NASA, titled "Shaped Field Giant Magnetoresistive Sensor Arrays for Materials Testing," dated May 3, 2002.	
AU	Technical paper titled "Friction Stir Weld Inspection through Conductivity Imaging using Shaped Field MWM -Arrays," Proceedings of the 6th International Conference on Trends in Welding, Callaway Gardens, GA; ASM International, January 2003.	
AV	Technical paper titled "Remote Temperature and Stress Monitoring Using Low Frequency Inductive Sensing," SPIE NDE/Health Monitoring of Aerospace Materials and Composites, San Diego, CA, March 2-6, 2003.	
AW	Technical paper titled "High Temperature Eddy-Current Sensors for Heat Treatment Monitoring," presented at AeroMat, June 2002.	
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EXAMINER	DATE CONSIDERED
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